

17236 U.S. PTO  
020204

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Georgios B. Giannakis;  
Shengli Zhou  
Filed: Herewith Customer No.: 28863  
Docket No.: 1008-022US01  
Title: ADAPTIVE MODULATION FOR MULTI-ANTENNA TRANSMISSIONS  
WITH PARTIAL CHANNEL KNOWLEDGE

22387 U.S. PTO  
10/770116  
020204

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 395706766 US  
Date of Deposit: February 2, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Alexandria, VA 22313-1450.

By: Angela Watson  
Name: Angela Watson

REQUEST FOR PATENT APPLICATION UNDER 37 C.F.R. § 1.53(b)

MAIL STOP PATENT APPLICATION

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

This application claims priority from U.S. Provisional Application Serial No. 60/499,754, filed September 3, 2003. We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing.
- ☒ Utility Patent Application: Spec. 43 pgs; Claims 7 pgs; Abstract 1 pg.; Drawings 19 pgs.  
The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ Signed Combined Declaration and Power of Attorney (3 pgs.)
- ☒ Check in the amount of \$626.00.
- ☒ Applicant Claims Small Entity Status
- ☒ Return postcard.

**CLAIMS AS FILED**

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
<b>Basic Filing Fee</b>				\$385.00
<b>Total Claims</b>				
42	20	22	x \$9.00	= \$198.00
<b>Independent Claims</b>				
4	3	1	x \$43.00	= \$43.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>				
<b>TOTAL FILING FEE</b>				\$626.00

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (651) 735-1100.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to Practitioners at Customer Number 28863.



**28863**

PATENT TRADEMARK OFFICE

Date:

February 2, 2004

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